Attachment A14-3

Flood Assessment and Stormwater Management Report

Appendix B - Sydney Water OSD Requirements

Eirian Crabbe

Subject:

FW: [External] RE: OSD requirement for development site

From: Stormwater <Stormwater@sydneywater.com.au>

Sent: Friday, 13 May 2022 9:22 AM

To: Amir Zalnezhad <amir.zalnezhad@ttw.com.au> **Cc:** Eirian Crabbe <Eirian.Crabbe@ttw.com.au>

Subject: RE: [External] RE: OSD requirement for development site

[External Email]: Do not click links or open attachments unless you recognize the sender and know the content is safe.

Amir,

The On Site Detention requirements for the site at 118-130 Epsom Road, Zetland, are as follows:

Cat 1

Total Site Area
On Site Detention
Permissible Site Discharge
2620.05 Square meters
23 cubic meters
91 L/s

Cat 2

Total Site Area
On Site Detention
Permissible Site Discharge
1396.1 Square meters
13 cubic meters
48 L/s

Cat 3

Total Site Area
On Site Detention
Permissible Site Discharge
4078.86 Square meters
102 cubic meters
108 L/s

Cat 4

Total Site Area
On Site Detention
Permissible Site Discharge
1981.25 Square meters
18 cubic meters
69 L/s

Cat 5

Total Site Area
On Site Detention
Permissible Site Discharge
4812.22 Square meters
42 cubic meters
167 L/s

Cat 6

Total Site Area
On Site Detention
Permissible Site Discharge
2738.15 Square meters
24 cubic meters
95 L/s

Cat 7

Total Site Area
On Site Detention
Permissible Site Discharge
5134.23 Square meters
45 cubic meters
179 L/s

Cat 8

Total Site Area
5201.06 Square meters

On Site Detention 46 cubic meters

Permissible Site Discharge 181 L/s

Cat 9

Total Site Area
5915.07 Square meters

On Site Detention
52 cubic meters

Permissible Site Discharge 206 L/s

Cat 10

Total Site Area
573.45 Square meters

On Site Detention
6 cubic meters

Permissible Site Discharge
20 L/s

The approval for the On Site Detention would only be given as part of the Section 73 application for this development. The On Site Detention is to be designed according to the above values and submitted to Sydney Water for approval with the Section 73 application. The following details are to be included in your submission for On Site Detention approval:

- Location of the On Site Detention in relation to the development
- Location of the On Site Detention in relation to overall stormwater network of the property
- Plan and Elevation of the On Site Detention tank with all dimensions
- Orifice plate calculation

Best Regards

Planning and Technical

City Growth and Development Business Development

Level 13, 1 Smith Street Parramatta NSW 2150



We're working on something big

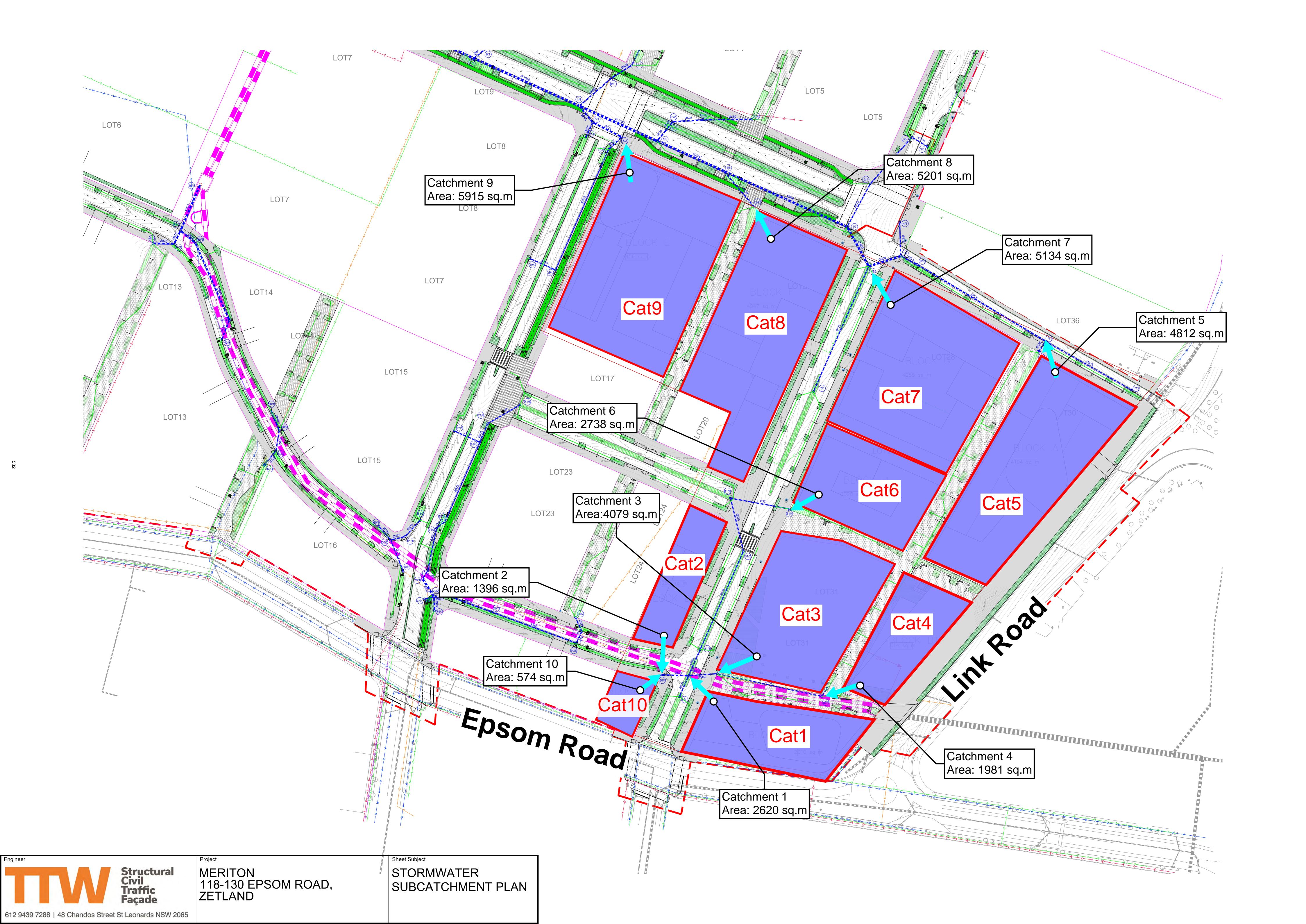
Every drop brings us one step closer to transforming our customers' online experience with Sydney Water

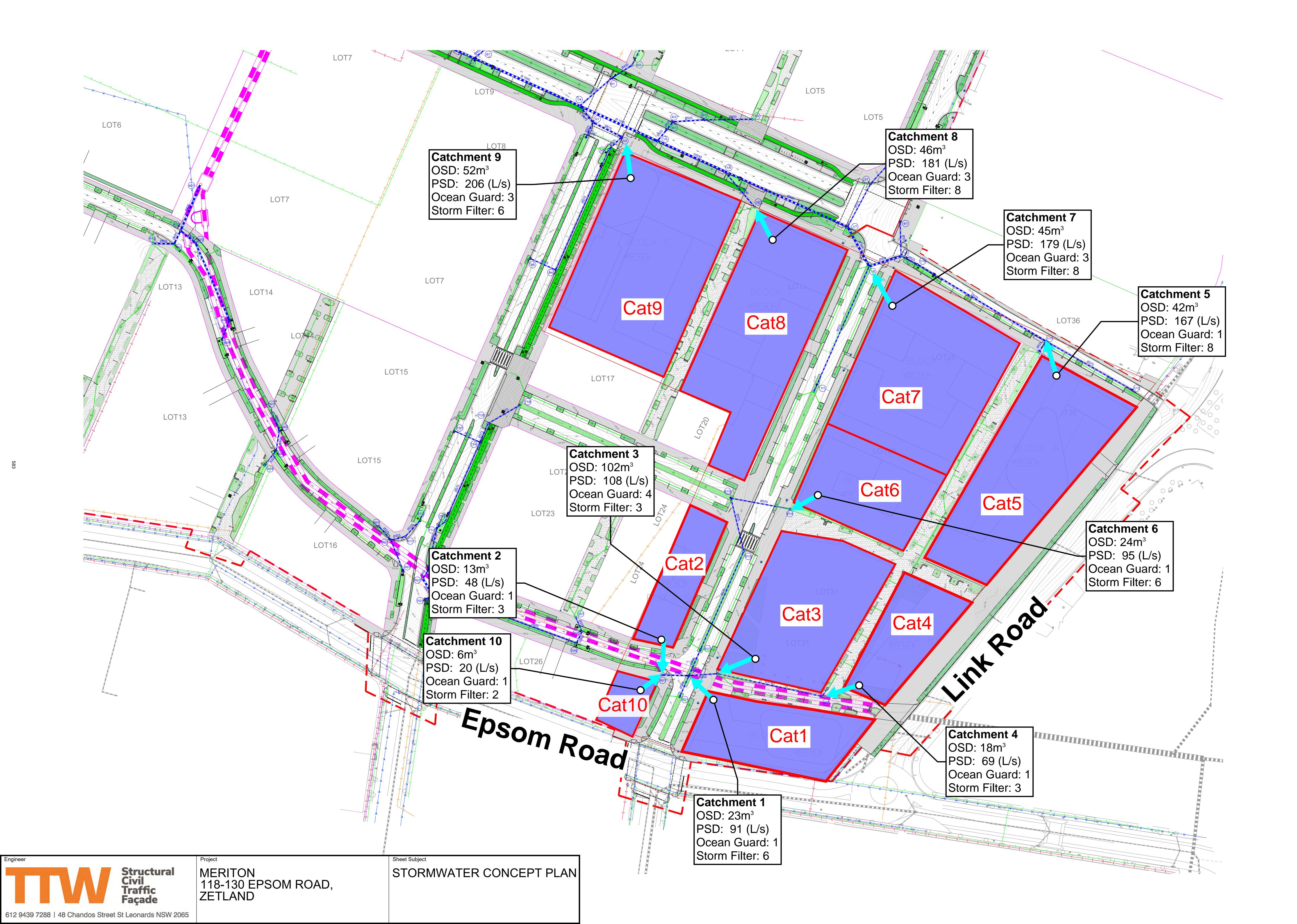


Sydney Water respectfully acknowledges the traditional custodians of the land and waters on which we work, live and learn. We pay respect to Elders past and present.

Read more about our commitment to reconcillation.

Appendix C - Proposed Stormwater Concept





Appendix D - Flood Model Results

